

IN THE CLAIMS:

Please replace the claims with the following:

1. (Currently Amended) A reinforced polymeric pad comprising:

a shock absorbing envelope comprising a polymer gel substantially surrounding a substrate, wherein the substrate comprises a foamed polymeric material having a density less than the polymeric gel whereby the reinforced polymeric pad is suitable for absorbing shock.
2. (Original) The reinforced polymeric pad of claim 1, wherein the pad comprises a top layer and a bottom layer
3. (Original) The reinforced polymeric pad of claim 2, wherein the layers are formed from a resilient polymeric material.
- 4 - 6 Previously Canceled
7. (Previously Amended) The reinforced polymeric pad of claim 1, wherein the substrate is comprises a foamed PVC.
8. (Original) The reinforced polymeric pad of claim 1, wherein the polymeric material comprises at least greater than 50% by weight of an epoxidized vegetable oil, a thermoplastic polymer, and a prepolymer

9. (Original) The reinforced polymeric pad of claim 8, further including an activator
10. (Original) The reinforced polymeric pad of claim 9, wherein the activator is an alkyl tin compound.
11. (Original) The reinforced polymeric pad of claim 8, wherein the epoxidized vegetable oil is selected from the group consisting of soybean oil, linseed oil, and combinations thereof.
12. Previously Canceled
13. (Original) The reinforced polymeric pad of claim 8, wherein in the thermoplastic polymer is substantially free of a polyurethane.
14. (Original) The reinforced polymeric pad of claim 8, wherein the thermoplastic polymer comprises a polydiene.
15. (Original) The reinforced polymeric pad of claim 8, wherein the thermoplastic polymer is a polybutadiene.
16. (Currently Amended) A reinforced polymeric pad comprising
a shock absorbing envelope comprising a top and bottom layer forming the envelope
containing a polymeric gel and a substrate comprised of a foamed polymeric material and having

a density less than the density of the polymeric gel whereby the reinforced polymeric pad is suitable for absorbing shock.

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19. (Original) The reinforced polymeric pad of claim 16 comprising an epoxidized vegetable oil, a thermoplastic polymer substantially free of a polyurethane and a prepolymer.

20. (Original) The reinforced polymeric pad of claim 16, further including an activator.

21. (Original) The reinforced polymeric pad of claim 20, wherein the activator is an alkyl tin compound.

22. Previously Canceled

23. (Original) The reinforced polymeric pad of claim 16, wherein the polymeric gel comprises on a percent weight basis of the gel at least greater than about 50% of a vegetable based plasticizer, between about 20% and about 40% of a thermoplastic polymer, and between about 5% and about 20% of a prepolymer.

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